

New faunistic records and remarks on Dermestidae (Coleoptera) - Part 20.

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HÁVA, J. & HERRMANN, A.: *New faunistic records and remarks on Dermestidae (Coleoptera) - Part 20.*

Abstract: The three species *Globicornis cypriensis* Háva & Herrmann, 2014 **stat. nov.**, *Thorictus westwoodi* Wollaston, 1854 **stat. nov.**, *Dermestes (Dermestes) cernyi* Háva, 2009 **stat. nov.** are moved to new status. Two new synonyms are proposed: *Dermestes (Dermestes) palmi* Sjöberg, 1950 (= *Dermestes hoeltzermanni* Kozminykh, 1998 **syn. nov.**); *Anthrenus (Anthrenus) bilyi* Háva, 2000 (= *Anthrenus montanus* Zhantiev, 2009 **syn. nov.**). Fauvel. Corrections to HOLLOWAY's paper (2019) on Spanish Dermestidae are provided. 41 taxa are new records for the local fauna all over the World.

Keywords: taxonomy, new state, new synonymy, faunistics, new records, Coleoptera, Dermestidae

Introduction

The knowledge of the distribution of many species within the family Dermestidae is still incomplete. There are a lot of gaps in our understanding of the occurrence of many species. Thus, each paper, which supplements our knowledge in this field, is valuable. In the present paper, 41 species belonging to the family Dermestidae (Coleoptera) are recorded and discussed. The paper is a continuation of a series of previous papers (e. g. HÁVA & HERRMANN 2016, 2018, 2019a,b).

Material and methods

Species are arranged in alphabetical order, the nomenclature and zoogeography follow the catalogue of HÁVA (2015).

The following abbreviations refer to the collections, in which the examined materials are deposited:

AHEC: Andreas Herrmann, private collection, Stade, Germany;
 BMNH: Natural History Museum, London, United Kingdom [British Museum (Natural History)];
 ISNB: Institut Royal des Sciences Naturelles de Belgique, Brussels, Belgium;
 JHAC: Jiří Háva, Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-west, Czech Republic;
 MZHF: Finnish Museum of Natural History, Helsinki, Finland;
 NMPC: National Museum, Praha, Czech Republic;
 QCAZ: Museum of the Pontifical Catholic University of Ecuador, Ecuador;
 RGPC: Rolando Salinas Gómez, private collection, Santiago, Chile;
 SMNS: Staatliches Museum für Naturkunde, Stuttgart, Germany;
 URPC: Uno Roosileht, private collection, Tallin, Estonia;
 WZPC: Wolfgang Ziegler, private collection, Rondeshagen, Germany.

Corrections to the checklist of the Spanish Dermestidae

HOLLOWAY et al. (2019) have published a paper containing a checklist of the Spanish Dermestidae. In the paper, two species are mentioned as being valid taxa, but both are synonyms. Furthermore several relevant citations concerning synonymy and records are missing in that paper.

HOLLOWAY et al. (2019)

Paranovelsis incognitus (Háva, 2003)
 Syn. HÁVA & HERRMANN 2018.

valid species

Paranovelsis aequalis (Sharp, 1902)

Anthrenus amandae Holloway, 2019
 Syn. HÁVA & HERRMANN 2019b.

Anthrenus pimpinellae (Fabricius, 1775)

Taxonomy

Dermestes (*Dermestes*) *cernyi* Háva, 2009 stat. nov.

Dermestes (*Dermestes*) *bicolor cernyi* Háva, 2009: 120.

Material examined: S. Kazakhstan, Chulakkurda env., 480 m, 25.5.2016, light, leg. Martin Marík, 1 ♀, A. Herrmann det., (AHEC); Kazakhstan, Almaty region, Uygur district, Temirlik canyon 43.358681, 79.165506, 2.7.2019, alt. 970m, Juha Salokannel leg., 1 ♀, A. Herrmann det., (AHEC); Kazakhstan, Janybek, 15.04.1996, V. Perepel leg., 1 ♂, J. Háva det., (JHAC); Kazakhstan, Prov. Almaty, 22 km N Masak, 450 m, 78°27'E 43°13'N, 21.vi.1996, 1 ♀, J. Háva det., (JHAC).

Remarks. The species was described by HÁVA (2009) from Uzbekistan as subspecies of *D. bicolor* Fabricius, 1781. Based on the characters figured by (Háva 2009) and of the recently collected specimens, the taxon is moved into a new status.

Distribution. Species known from Uzbekistan, new record for Kazakhstan.

***Dermestes (Dermestes) palmi* Sjöberg, 1950**

Dermestes geltzermani Kozminykh, 1997: 77.

Dermestes hoeltzermanni Kozminykh, 1998: 176 **syn. nov.**

Remarks. KOZMINYKH (1997) described the species *Dermestes geltzermani* (holotype specimen). The same specimen has been described by KOZMINYKH (1998) as *Dermestes hoeltzermanni*. The species name *hoeltzermanni* is a new objective synonym of *D. geltzermani* respectively for *D. palmi* Sjöberg, 1950.

Distribution. Species known from Finland, Sweden, Mongolia, Russia: Altay, Amur, Baykal, Karelia, Khabarovsk, Perm, Primorski, Udmurtia, Ussuri.

***Anthrenus (Anthrenus) bilyi* Háva, 2000**

Anthrenus montanus Zhantiev, 2009: 1404 **syn. nov.**

Material examined: Holotype of *Anthrenus montanus* (♂): Armenia, Talinskij r-n, selo Karmraszen, 2005 m, 25.vi.1976, V. Gorbатовskij, (ZMAS).

Holotype of *Anthrenus bilyi* Háva (♂): Kirgizia, Kuk-kul ozero, Chamza-Abad env., 7.v.1977, Sv. Bílý lgt., (JHAC).

Remarks. Checking of type material, the species *A. montanus* is in all morphological characters (forming scales on pronotum and elytra, antennae, male genitalia) identical with *Anthrenus (Anthrenus) bilyi* Háva, 2000; *A. montanus* is new junior synonym of *A. bilyi* Háva.

Distribution. Species known from Armenia, Kyrgyzstan and Uzbekistan.

Globicornis cypriensis* Háva & Herrmann, 2014 **stat. nov.*

Globicornis signatipennis cypriensis Háva & Herrmann, 2014: 176.

Remarks. The species was described by HÁVA & HERRMANN (2014) from Cyprus as subspecies of *G. signatipennis* Pic, 1899. Based on the characters figured by (Háva & Herrmann 2014) and of the recently collected specimens, the taxon is moved into a new status.

Distribution. Species known from Cyprus.

***Thorictus westwoodi* Wollaston, 1854 **stat. nov.**
(Fig. 1)**

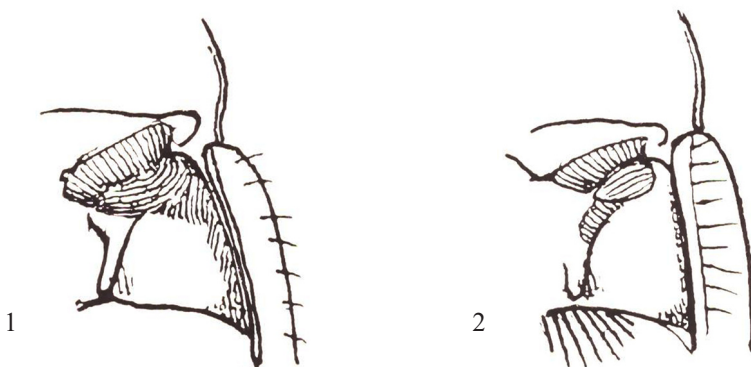
Thorictus westwoodi Wollaston, 1854: 220.

Thorictus grandicollis ssp. *westwoodi*: John, 1963: 204; Háva, 2015: 50.

Material examined: P - Porto Santo, Pico Ana Ferreira, 203 m, 33°02.45'N, 16°22.11'W, 14.10.2018, J. Větrovec lgt., 1 spec., J. Háva det., (JHAC).

Remarks. The species was described by WOLLASTON (1854) from Madeira. JOHN (1963) stated it as a subspecies of *T. grandicollis* Germar, 1842. Based on the characters of recently collected specimens, the taxon is moved to a new status.

Distribution. Species known from Madeira and Porto Santo Islands.



Figs. 1-2: Setation on margin of thorax, ventral view: 1- *T. westwoodi* Wollaston, 1854; 2- *T. grandicollis* Germar, 1842 (by JOHN 1963)

Faunistics

Subfamily Attageninae

Attagenus beali Zhantiev, 2005

Material examined: Yemen, Hadbramaut, As Sawm-Qbar Hud, 22.iv.1992, R. Linnavuori leg., 1 ♀, J. Háva det., (MZHF).

Distribution. Species known from Saudi Arabia, the United Arab Emirates, Oman, new for Yemen.

Attagenus brunnescens (Pic, 1904)

Material examined: Cyprus occ., Panagia vill., 50 km N of Pafos, 1100 m, 1.6.1999, F. Kantner lgt., 1 ♂, 1 ♀, J. Háva det., (JHAC).

Distribution. Species known from Armenia, Iran, Syria and Turkey, new for Cyprus.

Attagenus brunneus Faldermann, 1835

Material examined: N India, Kashmir, Srinagar Distr., Srinagar botanical garden, 34°5.23'N 74°52.45'E, 5.6.2019, A. Maqbool lgt., 5 ♂♂, 3 ♀♀, J. Háva det., (JHAC).

Distribution. Holarctic species, new for India: Kashmir.

Attagenus cyphonoides Reitter, 1881

Material examined: Ukraine, Zhytomyr Raion, Zhytomyr city [130 km W of Kyev], 6.2019, O. Masliukivskyi lgt., 1 ♂, J. Háva det., (JHAC).

Distribution. Species known from Europe, Egypt, Morocco, Nigeria, Senegal, South Sudan, Sudan, Tunisia, Afghanistan, China, India, Iran, Iraq, Israel, Kazakhstan, Mongolia, Pakistan, Russia, Saudi Arabia, Tajikistan, Turkmenistan, Uzbekistan, Canada, Mexico, U.S.A., Australia: Queensland, new for Ukraine.

Attagenus smirnovi Zhantiev, 1973

Material examined: Russia, Ussuri Reg., 20 km NW Chernyshevka, Anuchinsky distr., 200 m, 11-18.8.2016, A. Shamaev lgt., 1 ♂, J. Háva det., (JHAC).

Distribution. Species known from Palaearctic, Oriental and Afrotropical Regions, new for Russia: Ussuri Region.

Attagenus unicolor unicolor (Brahm, 1790)

Material examined: Uruguay, Montevideo, Penarol, 20.12.1930, 1 ♂, A. Herrmann det., (AHEC).

Distribution. Cosmopolitan species, new for Uruguay.

Attagenus unicolor simulans Solsky, 1876

Material examined: N India, Kashmir, Srinagar Distr., Srinagar botanical garden, 34°5.23'N 74°52.45'E, 5.6.2019, A. Maqbool lgt., 1 ♂, 12 ♀♀, J. Háva det., (JHAC).

Distribution. Species known from Afghanistan, N China, Kazakhstan, Kyrgyzstan, Mongolia, Russia, Tajikistan, Turkmenistan, Uzbekistan, new for India: Kashmir.

Subfamily Dermestinae*Dermestes (Dermestinus) szekessyi szekessyi* Kalík, 1950

Material examined: Estonia, Tehumardi, 58°10'22"15', 15.07.2018, seashore under seaweed, U. Roosileht lgt., 1 spec., U. Roosileht & A. Herrmann det., (URPC).

Distribution. Species known from Europe, C, W Kazakhstan, Mongolia, Russia: Astrakhan, Novosibirsk, Stavropol, Tuva (Háva 2015), new for Estonia.

Dermestes (Dermestinus) undulatus Brahm, 1790

Material examined: Belge Congo, Bambesa, 10.vi.1937, J. Vrydagh, 1 spec., A. Herrmann det., (ISNB).

Distribution. Holarctic species, new introduced species for Congo.

Dermestes (Montandonia) fuliginosus Rossi, 1792

Material examined: Armenia, Aragatsotn, Pamb Pass, 2152 m, 5.6.2017, W. Ziegler leg., 1 ♂, A. Herrmann det., (WZPC).

Distribution. Species known from Europe, Azerbaijan, Georgia, Turkey, Iran, W Russia, new for Armenia. In the literature (Háva 2015), this species is recorded also from „Caucasus“.

Subfamily Megatominae*Anthrenus (Anthrenodes) amoenulus* Reitter, 1896

Material examined: Cyprus, Paphos, Yeroskipos, 20.7.1939, Hakar Linb., 3 spec., J. Háva det., (2 MZHF, 1 JHAC); Cyprus, Kambos, 25.7.1939, Hakar Lindb., 1 spec., J. Háva det., (MZHF); Cyprus, Larnaka, 25.6.-1.7.1939, Hakar Lindb., 1 spec., J. Háva det., (MZHF); Cyprus, Kykko, 15-17.7.1939, Hakar Lindb., 2 spec., J. Háva det., (MZHF, JHAC).

Distribution. Species known from Afghanistan, Caucasus, Caspian Lowlands, Iran, Russia, Turkey, Turkmenistan, new for Cyprus.

***Anthrenus (Anthrenodes) fernandezi* Háva, 2003**

Material examined: Chad, Farcha, 20-22.5.1973, R. Linnavuori leg., 1 ♀, J. Háva det., (MZHF); Nigeria Kw. St., Shangunu-Rofia, 22.7.1973, R. Linnavuiro leg., 2 ♀♀, J. Háva det., (MZHF, JHAC).

Distribution. Species known from Burkina Faso, Cameroon, new for Chad and Nigeria.

***Anthrenus (Anthrenus) pimpinellae isabellinus* Küster, 1848**

Material examined: Israel c., Old Yaffa port, 32°05'N 34°75'E, 24.iv.2019, V. Novák lgt., 1 spec., J. Háva det., (JHAC).

Distribution. Species known from France, Italy, Spain, Algeria, Morocco, Tunisia, U.S.A. (introduced), new for Israel.

***Anthrenus (Anthrenus) pimpinellae pimpinellae* (Fabricius, 1775)**

Material examined: England, London, Battersea Park, 20.6.2015, L. Roučka leg., 1 ♂, 2 ♀♀, J. Háva et., (JHAC).

Remarks. HOLLOWAY et al. (2018) removed this species from the British fauna. DUFF (2018) mentioned this species in the list of British Coleoptera. Herewith the occurrence is confirmed for England.

Distribution. Nearly cosmopolitan species.

***Anthrenus (Anthrenus) scrophulariae* (Linnaeus, 1758)**

Material examined: Argentina, Tucuman, Tafi del Valle, ii. 1956, Col. C. Orlog, 1 spec., A. Herrmann det., (AHEC).

Distribution. Nearly cosmopolitan species, new introduced species to Argentina.

***Anthrenus (Anthrenus) senegalensis* Pic, 1927**

Material examined: Benin (West-Afrika): Natilingou, 13.4.1988, K. Erger leg., 2 ♂♂, J. Háva det., (SMNS, JHAC).

Distribution. Species known from Gambia, Guinea Bissau, Senegal, Sierra Leone, new for Benin.

***Anthrenus (Nathrenus) biskrensis* Reitter, 1887**

Material examined: I. Lipari, Vallone Muria, 19.vi.1998, B. Carleti, B. Cecchi, L. Dapporto, P Lo Cascio, C. Moreno leg., 1 spec., J. Háva det., (JHAC).

Distribution. Species known from Italy: Lampedusa, Sicily, Malta, Spain, Algeria, Libya, Morocco, Tunisia, new for Italy: Lipari Island.

Anthrenus (Nathrenus) zahradniki Háva, 2003

Material examined: „Cypr. [Cyprus], Kykko, 15-17.7.1939, Hakan Lindb.”, 2 spec., J. Háva det., (MZHF).

Distribution. Species known from Greece, Lebanon, Turkey, new for Cyprus.

Cryptorhopalum bicolor Sharp, 1902

Material examined: Ecuador, Napo, Cosanga, 2100 m, malaise trap, 9.2019, Jim McClarin leg., 1 spec., J. Háva det., (QCAZ).

Distribution. Species known from Belize, Honduras, Nicaragua, Panama, new for Ecuador.

Cryptorhopalum germanum Sharp, 1902

Material examined: Mexico: Mexico state, 40 km NW Puebla de Zaragoza, 2800 m, 19°35'N, 98°66'W, 26.vi.2019, A. Shamaev leg., 8 spec., J. Háva det., (JHAC).

Distribution. Species known from Guatemala, Mexico: Guanajuato, Guerrero, Morelos, Oaxaca, new for Mexico: Mexico state.

Orphinus (Orphinus) beali Herrmann, Háva & Zhang, 2011

Material examined: China, Shaanxi, Qinling mts., Xunyangba (6 km E), 1000-1300 m, 23.v.-13.vi.1998, I. H. Marshal lgt., 1 ♀, J. Háva det., (JHAC); China, Sichuan prov., Ya'an prefecture, Ya'an Co., Road 108, ca. 20 km S Ya'an, ca. 1000 m, 19.vi.1998, A. Pütz leg., 1 ♂, J. Háva det., (JHAC).

Distribution. Species known from China: Yunnan, new for Shaanxi and Sichuan.

Orphinus (Orphinus) bezdeki Háva & Kadej, 2016

Material examined: India, Tamil Nadu, Nilgiri Hills, 11 km SE Kotagiri, 1100±100 m, Kunchapanai env., 11°22'N 76°56'E, 7-22.v.2000, P. Pacholátko leg., 51 spec., (47 NMPC, 4 JHAC).

Distribution. Species known from India: Maharashtra, new for India: Tamil Nadu.

Orphinus (Orphinus) kadeji Herrmann & Háva, 2014

Material examined: Laos, Vientiane / 30.iii.1990, E. Kondorosy leg., 1 ♀, J. Háva det., (JHAC).

Distribution. Species known from Thailand, new for Laos.

Orphinus (Orphinus) kresli Háva, 2003

Material examined: Nepal W, Gorkha, Khanchok-Arughat Bazar, 1300-1700 m, 23.5.1990, Probst leg., 1 ♀, J. Háva det., (JHAC).

Distribution. Species known from central Nepal, otherwise second known specimen.

***Orphinus (Orphinus) sikkimensis* Háva & Herrmann, 2004**

Material examined: Bhutan west, Thimphu Prov., Taba, 2500-2600 m, 15-22.viii.1990, C. Holzschuh leg., 1 ♀, J. Háva det., (JHAC).

Distribution. Species known from India: Sikkim, Darjeeling, new for Bhutan.

***Orphinus (Orphinus) unifasciatus* Háva, 2006**

Material examined: „India, Bhimthal [Uttaranchal], ii. [19]86”, 1 ♀, J. Háva det., (JHAC).

Distribution. Species known from India: Himachal Pradesh, new for Uttaranchal. Second known specimen.

***Phradonoma charon* Háva & Kadej, 2008**

Material examined: Cyprus, Limassol, Colossi, 3.7.1939, Hakkan Lindb., 1 spec., J. Háva det., (MZHF).

Distribution. Species known from Greece, Turkey, new for Cyprus.

***Reesa vespulae* (Milliron, 1939)**

Material examined: „RA.Neuquen, 26.ii.1946, Hayward. Willink“, 1 spec., A. Herrmann det., (AHEC).

Distribution. Cosmopolitan species, new for Argentina.

***Thaumaglossa dembickyi* Háva, 2002**

Material examined: Philippines, Central Visayas, Samar, Lope de Vega, Febr. 2019, local collector, 1 ♂, 1 ♀, J. Háva det., (JHAC); Philippines, MINDANAO, Zamboanga del Norte, Gutallac, March 2019, local collector, 1 ♂, J. Háva det., (JHAC).

Distribution. Species already known from the Philippines (HÁVA 2015): Luzon, Mindanao, new for Visayas.

***Thaumaglossa rufula* Pic, 1931**

Material examined: Indonesia, E Kalimantan, Maura Ritan vill., 00°24.0'N, 116°1'E, 49 m, 5. Xii.2011, J. Hájek, J. Schneider & P. Votruba leg. / border of fields and rainforest in foothill near Beleyan river, individual collecting in puddle and on vegetation, + light trap, 1 ♂, J. Háva det., (NMPC).

Distribution. Species known from the Philippines, Indonesia: Java, new for Kalimantan.

***Trogoderma diiorioi* Háva, 2017**

Material examined: Argentina, Bariloche/Rio Negro, 01.01.1955, Leg. S. Schajovskoi, 1 spec., A. Herrmann & J. Háva det., (AHEC); Argentina, Pucará/Parque Nacional Lanín, XI-1951, Leg. S. Schajovskoi, 1 ♂, A. Herrmann & J. Háva det., (AHEC).

Distribution. Species known only from Argentina.

Trogoderma koenigi Pic, 1954

Material examined: China, Zhejiang prov., West Tianmu Shan (Mts.) reserve, border of secondary mixed forest near entrance of reserve; at light, 30°18.34'N, 119°26.46'E, 310 m, 23.vi.-6.vii.2017, J. Hájek & J. Růžička leg., 1 ♀, J. Háva det., (NMPC).

Distribution. Species known from China: Fujian, new for Zhejiang Prov.

Trogoderma stachi Mroczkowski, 1958

Material examined: „Buenos Aires, I.30“, 1 ♂, J. Háva det., (AHEC); „Sao Paulo, Bras.“ / „Eurhopalus ? vicinus Sol var.“ [M. Pic. det], 1 ♂, J. Háva det., (JHAC).

Remarks. The habitus and male genitalia are firstly illustrated (Figs. 3-4).

Distribution. Species known from Brazil, new for Argentina.



Figs. 3-4: *Trogoderma stachi* Mroczkowski, 1958: 3- habitus, dorsal view; 4- male genitalia

Trogoderma variabile Ballion, 1878

Material examined: Argentina, Mendoza, Luján de Cuyo en plafón, 15.01.2019, leg. G. Gomariz, 1 ♀, A. Herrmann det., (AHEC).

Distribution. Nearly cosmopolitan species, newly introduced species to Argentina.

Subfamily Orphilinae

Orphilus subnitidus LeConte, 1861

Material examined: Mexico, Baja California state, Parque Nac. Constitution de 1857, 12 km SW Laguna Hanson, 1700 m, Sierra de Juarez, 31.96N 1.5.99W, 15.vi.2019, A. Shamaev leg., 5 spec., J. Háva det., (JHAC).

Distribution. Species known from Canada: Alberta, British Columbia, West U.S.A, new for Mexico: Baja California.

Subfamily Thorictinae

Thorictus grandicollis grandicollis Germar, 1842

Material examined: Chile, Región de O'higgins (VI Región), Cerro Llivi llivi, Lo Miranda, 13.10.2019, leg. Rolando Salinas Gómez, 1 spec., J. Háva & A. Herrmann det., (RGPC).

Remarks. The entomologist Rolando Salinas Gómez from Chile informed us by email that he found a specimen of the genus *Thorictus* near Santiago, in the coastal mountain range. It walked through some wooden sticks in one of his terrariums; the specimen probably arrived with some *Camponotus chilensis* that he caught a few days before. This was the first record of a specimen belonging to the genus *Thorictus* from America as well as from the whole Neotropical region. The species is unlikely to have been hiding in America to this day, the beetle was certainly introduced from Europe, Africa or Asia. The genus *Thorictus* includes more than 170 valid species respectively subspecies, all of them are very small, entirely brown or black, nearly hairless and look habitually very similar to each other. *Thorictus grandicollis* Germar, 1842 is the most common species of this genus in Southern Europe and the Mediterranean subregion.

Distribution. The species known from south Europe and the Mediterranean subregion, Armenia, Azerbaijan and Turkmenistan, newly introduced in Chile.

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